

Forwarded message -----

From: **ArleneL/AlecM** <aajjmac@tds.net>
Date: Sat, Jun 12, 2021 at 3:32 PM
Subject: Permission to View the Barn Denied
To: <boardassistant@templenh.org>

Dear Chairman Kieley and Members of the Temple ZBA,

Please be advised that on 6/8/21, Boo Martin refused our request to schedule a time for our Sound Engineer to view the Barn, contrary to her response given during the 6/1/21 ZBA meeting.

Attached for your information is the resumé of our Professional Sound Engineer, Herbert Singleton, of Cross-Spectrum Acoustics, who will assist us with sound evaluation matters. (We have not been able to find resumé for the two individuals that prepared the Applicant's sound report.)

We stand ready to have our Sound Engineer view the Barn in the event permission is extended.

Respectfully submitted,
Arlene Laurenitis
Alec MacMartin

Abutters at
46 Collins Road
Wilton, NH



Herbert L. Singleton Jr, P.E., INCE Bd. Cert – President

Employment History

Cross-Spectrum Acoustics Inc.

2011 to Present

Cross- Spectrum Labs

2003 – 2011

Harris Miller Miller & Hanson Inc.

1995 – 2003 Consultant

Education

B.S. Mechanical Engineering,
Massachusetts Institute of
Technology, Cambridge, MA – 1995

MSc coursework, Audio Acoustics,
University of Salford, Salford, U.K. –
2001-2004

Registrations and Affiliations

Professional Engineer, MA #46867;
CO #PE.0056123; GA #PE037731;
MN #56348

Board Certified Member, Institute of
Noise Control Engineering

Member, National Council of
Acoustical Consultants

As co-founder of Cross-Spectrum Acoustics Inc., Mr. Singleton has over 25 years of acoustical engineering experience. His specialties include acoustical measurements and modeling. He has applied these skills to sound and vibration analyses for transportation, construction, and architectural projects. Mr. Singleton conducts field survey measurements and environmental assessments for private firms and public agencies across the United States. He also works with transducer manufacturers and vendors to evaluate the performance of audio equipment for development and quality control purposes.

Mr. Singleton is familiar with a broad range of sound and vibration measurement tools including sound level meters, unattended monitoring hardware and digital acquisition systems. His expertise lies in the implementation of cost-effective acoustical measurement solutions and he applies his knowledge of signal processing tools and data analysis techniques to solve problems at minimal cost. Mr. Singleton has also instructed clients from public and private firms in the use of sound and vibration measurement tools for environmental assessments. Furthermore, Mr. Singleton has presented measurement results to the lay public via public meetings and workshops.

Mr. Singleton actively participates in professional organizations. He is a past member of the Institute of Noise Control Engineering Board of Directors and a member of the INCE Certification Board. He contributes to working groups in the development of acoustical standards and guidelines and has held organizational roles in acoustical associations and conferences.

Featured Projects

High-Voltage Direct Current Converter Station Noise Assessment, New Haven VT

CSA was retained by the town of New Haven, Vermont to analyze the potential for noise impact from a proposed high-voltage direct current (HVDC) converter station located in a rural environment. Mr. Singleton and CSA staff conducted long-term ambient noise measurements at five locations over a two-week period to thoroughly document existing noise conditions. CSA also modeled future noise levels from the HVDC station using data obtained at similar facilities. Mr. Singleton presented the results and audio demonstrations of future noise at public hearings to allow town residents to make an informed decision about the project.

Camp Walt Whitman Community Noise Assessment and Litigation Support, Piermont NH

Mr. Singleton worked with a group of citizens and environmental experts to quantify the effects of noise generated from a seasonal campground on an exceptionally quiet rural environment. Mr. Singleton performed numerous measurements to document the increase of noise over low background levels in the vicinity of Lake Armington in the White Mountains of New Hampshire. Mr. Singleton also performed audibility and detectability analyses that allowed for the comparison of time periods when campground noise was dominated compared periods when the community could experience natural quiet. Finally, Mr. Singleton provided litigation support for the legal team assisting the community in public hearings and court proceedings.